

Energy Audit Questionnaire

Structural Information

- 1) Which category best describes your home?
 - a. Small Single Family Home (<1500 sq. ft.)
 - b. Medium Single Family Home (1500-3500 sq. ft.)
 - c. Large Single Family Home (>3500 sq. ft.)
 - d. Small Apartment
 - e. Large Apartment
 - f. Manufactured Home
 - g. Townhouse/Duplex
- 2) How old is your home?
 - a. Less than 10 years old
 - b. 10-20 years old
 - c. 20-30 years old
 - d. More than 30 years old
- 3) How many windows does your home have, including sliding doors or French doors?
- 4) How well would you say your home is insulated?
 - a. Unknown
 - b. Poorly insulated
 - c. Moderately insulated
 - d. Well insulated
 - e. Very well insulated

Heating and Air Conditioning

- 5) What type is your main heating system?

Electric furnace (or electric "strip heat")
Electric heat pump
Electric baseboard or wall heaters
Electric thermal storage system
Electric ceiling cable
Gas furnace (forced air)
Gas furnace (forced air) with pilot
Gas boiler (hot water/steam pipes)
Gas space heater (floor/wall units)
Gas heat pump
Propane/LP gas furnace
Propane/LP furnace with pilot
Propane/LP boiler (hot water/steam pipes)
Propane/LP space heater (floor/wall units)
Oil furnace
Oil boiler (hot water/steam pipes)
Geothermal heat pump
Add-on heat pump with gas furnace
Add-on heat pump with oil furnace
Other
None

- 6) What year was your main heating system installed?
 - a. Before 1985
 - b. 1985-1989
 - c. 1990-1994
 - d. 1995-1999
 - e. 2000 or newer
- 7) What type is your home's main air conditioning system?
 - a. Central electric A/C
 - b. Electric heat pump
 - c. Electric window or wall units
 - d. Gas heat pump
 - e. Central gas A/C
 - f. Geothermal heat pump
 - g. Evaporative or "swamp" cooler
 - h. Other
 - i. None
- 8) What year was your main cooling system installed?
 - a. Before 1985
 - b. 1985-1989
 - c. 1990-1994
 - d. 1995-1999
 - e. 2000 or newer
- 9) Do you have a programmable or clock thermostat?
 - a. No
 - b. Yes

Kitchen Appliances

- 10) How many refrigerators do you have?
 - a. None
 - b. 1
 - c. 2 or more
- 11) How many freezers do you have?
 - a. None
 - b. 1
 - c. 2 or more
- 12) What type of energy does your range/oven use?
 - a. Electric
 - b. Gas with pilot light
 - c. Gas without pilot light
 - d. Propane with pilot light
 - e. Propane without pilot light
 - f. Other
- 13) Approximately how many burner-minutes per day do you use your range? (Example: 2 burners for 15 minutes per day = 30 burner-minutes per day)

0 15 30 45 60 75 90 105 120 150 180 210 240 270 300 360

14) Approximately how many hours per week do you use your oven?

0 1 2 3 4 5 6 7 8 10 12 15 20 25 30

15) Approximately how many minutes do you use your microwave each day?

0 1 2 3 4 5 6 7 8 10 12 15 20 25 30

16) Approximately how many loads per week do you run in your dishwasher?

0 1 2 3 4 5 6 7 8 10 12 15 20 25 30

Water Heating and Laundry

17) What type is your main water heater?

- a. None
- b. Electric
- c. Gas
- d. Propane
- e. Fuel oil
- f. Heat pump
- g. Heat recovery
- h. Solar
- i. Other

18) How is the thermostat set on your water heater?

- a. Warm (Below 130°F)
- b. Hot (130-150°F)
- c. Very hot (150°F or higher)

19) Is your water heater high efficiency, wrapped, or in a conditioned space?

- a. Yes
- b. No

20) Approximately how many loads of laundry do you do in a week?

0 1 2 3 4 5 6 7 8 10 12 15 20 25 30

21) What type of fuel does your clothes dryer use?

- a. Electric
- b. Gas with pilot light
- c. Gas without pilot light
- d. Propane with pilot light
- e. Propane without pilot light
- f. None

Lighting

22) Please complete the following information about your home lighting

Indoor Lighting	Number of bulbs	Average hours per day
Incandescent	0 ▾	0 ▾
Fluorescent	0 ▾	0 ▾
Halogen torch bulbs	0 ▾	0 ▾
Outdoor Lighting	Number of bulbs	Average hours per day
Security/flood lights	0 ▾	0 ▾

23) How do you control your outdoor lights?

- a. Manually
- b. Timer
- c. Photocell
- d. Motion sensor

Miscellaneous

24) Approximately how many baths or showers are taken each week in your household?

25) Which best describes your swimming pool?

- a. No pool
- b. Non-heated
- c. Electric heated
- d. Electric heat pump heated
- e. Gas heated
- f. Solar heated with electric back-up
- g. Solar heated with gas back-up
- h. Propane heated

26) What type of hot tub do you have?

- a. None
- b. Electric
- c. Gas
- d. Propane or LP Gas

27) Approximately how many hours a week is your TV on?

28) On average how many hours a week do you actively use your computer?